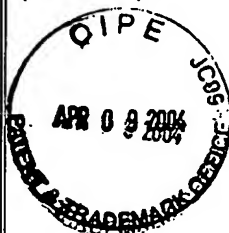


<b>FORM PTO-1449</b> (Rev. 2-32)	<b>U.S. Department of Commerce</b> <b>Patent and Trademark Office</b>	<b>Atty. Docket No.</b> 02-1181-A	<b>Serial No.</b> 10/727,680
 <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)		<b>Applicant:</b> Baird, et al. <b>Filing Date:</b> December 4, 2003	
		<b>Group:</b> 1645 1641	

## U.S. PATENT APPLICATION DOCUMENTS


Examiner Initial		Document Number	Filing Date	Name	Class	Subclass	Publication Date if Appropriate
u	1.	60/244,312	Oct 30, 2000	Cunningham, et al.			
	2.	60/283,314	April 12, 2001	Cunningham, et al.			
	3.	60/303,028	July 3, 2001	Cunningham, et al.			
	4.	60/430,911	Dec 4, 2002	Baird, et al.			
	5.	US 2002/0018610-A1	Feb 14, 2002	Challener et al.			
	6.	US 2003/0027327-A1	Feb 6, 2003	Cunningham, et al.			
	7.	US 2003/0027328-A1	Feb 6, 2003	Cunningham, et al.			
u	8.	US 2002/0127565-A1	Sept 12, 2002	Cunningham, et al.			

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Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
u	9.	RE37,473	12/18/01	Challener			
	10.	4,009,933	03/01/77	Firester			
	11.	4,536,608	08/20/85	Sheng, et al.			
	12.	4,576,850	03/18/86	Martens			
	13.	4,668,558	05/26/87	Barber			
u	14.	4,857,273	8/15/89	Stewart			

<b>EXAMINER</b> <i>C. Chin</i>	<b>DATE CONSIDERED</b> <i>12/24/06</i>
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	December 4, 2003	1645	

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
u	15.	4,876,208	10/24/89	Gustafson, et al.			
	16.	4,931,384	6/5/90	Layton, et al.			
	17.	4,958,895	9/25/90	Wells, et al.			
	18.	4,992,385	2/12/91	Godfrey			
	19.	4,999,234	03/12/91	Cowan			
	20.	5,118,608	6/2/92	Layton, et al.			
	21.	5,156,785	10/20/92	Zdrahala			
	22.	5,170,448	12/8/92	Ackley et al.			
	23.	5,175,030	12/29/92	Lu, et al.			
	24.	5,210,404	5/11/93	Cush et al.			
	25.	5,229,614	07/20/93	Andersson, et al.			
	26.	5,242,828	9/7/93	Bergstrom et al.			
	27.	5,268,782	12/07/93	Wenz, et al.			
	28.	5,337,183	8/9/94	Rosenblatt			
	29.	5,413,884	05/04/95	Koch, et al.			
	30.	5,442,169	08/15/95	Kunz			
	31.	5,455,178	10/3/95	Fattinger			
	32.	5,475,780	12/12/95	Mizrahi			
✓	33.	5,478,756	12/26/95	Gizeli			
u	34.	5,478,527	12/26/95	Gustafson, et al.			

<b>EXAMINER</b> <i>C. Chi</i>	<b>DATE CONSIDERED</b> <i>12/24/06</i>
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		Baird, et al.	
		Filing Date:  December 4, 2003	Group:  1645

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
u	35.	5,492,840	02/20/96	Malmqvist et al.			
	36.	5,496,701	03/5/96	Pollard-Knight			
	37.	5,559,338	09/24/96	Elliott, et al.			
	38.	5,598,267	01/28/97	Sambles, et al.			
	39.	5,598,300	01/28/97	Magnusson et al.			
	40.	5,606,170	02/25/97	Saaski et al.			
	41.	5,615,052	03/25/97	Doggett			
	42.	5,690,894	11/25/97	Pinkel, et al.			
	43.	5,691,846	11/25/97	Benson, Jr. et al.			
	44.	5,732,173	03/24/98	Bylander, et al.			
	45.	5,738,825	4/14/98	Rudigier, et al.			
	46.	5,771,328	06/23/98	Wortman, et al.			
	47.	5,792,411	08/11/98	Morris, et al.			
	48.	5,801,390	09/01/98	Shiraishi			
	49.	5,804,453	9/8/98	Chen			
	50.	5,814,524	9/28/98	Walt et al.			
	51.	5,846,843	12/8/98	Simon			
	52.	5,864,641	01/26/99	Murphy et al.			
↓	53.	5,925,878	7/20/99	Challener			
u	54.	5,955,378	9/21/99	Challener			

EXAMINER	<i>C. Chin</i>	DATE CONSIDERED	<i>12/24/06</i>
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Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<i>u</i>	55.	5,986,762	11/16/99	Challener			
	56.	5,991,480	11/23/99	Kunz, et al.			
	57.	5,994,150	11/30/99	Challener, et al.			
	58.	6,035,089	03/7/00	Grann, et al.			
	59.	6,052,213	4/18/00	Burt et al.			
	60.	6,076,248	06/20/00	Hoopman, et al.			
	61.	6,088,505	07/11/00	Hobbs			
	62.	6,100,991	08/08/00	Challener			
	63.	6,146,593	11/14/00	Pinkel, et al.			
	64.	6,185,019	02/06/01	Hobbs, et al.			
	65.	6,316,153	11/13/01	Goodman et al.			
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	67.	6,338,968	01/15/02	Hefti			
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	69.	6,346,376	02/12/02	Sigrist, et al.			
	70.	6,377,721	4/23/02	Walt et al.			
<i>u</i>	71.	6,404,554	6/11/02	Lee et al.			
	72.	6,587,276	7/1/03	Daniell			

EXAMINER <i>C. Chin</i>	DATE CONSIDERED <i>12/24/06</i>
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**STATEMENT BY APPLICANT**  
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Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
u	73.	EP 0 112 721	July 4, 1984	EP				
	74.	EP 0 517 777	May 22, 1996	EP				
	75.	EP 0 660 924	Sept 1, 1999	EP				
	76.	GB 2 227 089	July 18, 1990	GB				
	77.	WO 84/02578	July 5, 1984	PCT				
	78.	WO 90/0831	July 26, 1990	PCT				
	79.	WO 91/13339	Sept 5, 1991	PCT				
	80.	WO 92/21768	Dec 10, 1992	PCT				
	81.	WO 93/14392	July 22, 1993	PCT				
	82.	WO 95/03538	Feb 2, 1995	PCT				
	83.	WO 98/57200	Dec 17, 1998	PCT				
	84.	WO 99/09392	Feb 25, 1999	PCT				
	85.	WO 99/09396	Feb 25, 1999	PCT				
	86.	WO 99/66330	Dec 23, 1999	PCT				
✓	87.	WO 00/23793	April 27, 2000	PCT				
u	88.	WO 01/04697	Jan18, 2001	PCT				

<b>EXAMINER</b> <i>C. Chin</i>	<b>DATE CONSIDERED</b> <i>12/24/06</i>
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